

Determining Plasticity of Heat Resistant Alloys,
by N. N. Pavlov, 8 pp.
RUSSIAN, per. Trudy Inst Proluch., No 222, 1963,
pp 20227. 9696785
FTD-TT-64-798

Sci - M/M
Mar 65

276,920

Titanium and Hydrogen, by Yu. V. Baymakov,
O. A. Lebedev, 17 pp.
RUSSIAN, per. Trudy Inst. Politekhicheskiv.
No 228, 1963, pp 25-34.
FTD-MT-64-317

Sci - Chem
Apr 65

277,816

Gas-Turbine Rotor Temperature Field
With Cooling Air Blown Through Slots
in Root Attachments, by K. P. Seleznev,
16 pp.
RUSSIAN, per, Trudy Inst Politekh, No 228,
1963, pp 45-54. 9699628
FTL-TT-65-1321

Sci - Engr
Feb 66

296,349

FTD(ND300-1) For D/C BT67-10-279T

AUTHOR: Anisimov, S.A.; Galerkin, Yu. B.; Nekstin, F.S.

SOURCE: Leningrad. Politeknicheskii Institut. Trudy,
No 228, 1963, -- 63-78

ENGINEER: Investigating Low-Capacity High-Pressure
Centrifugal Compressor Stages

About the Relation of Recrystallization
Kinetics With the Relaxation of Tensions
in Metals, by L. N. Aleksandrov, V. N. Orlov,
8 pp.

RUSSIAN, per, Trudy Inst Politekhnikheskiy,
1963, pp 294-299. PI00063666
FTD-TT-65-1872

Sci - Materials
Nov 66

312,929

Pressure Distribution in a Vortex Combustion
Chamber, by P. M. Mikhaylov, A. N. Shtyn,
8 pp.
RUSSIAN, per, Trudy Inst Politekh, No 232,
1964, pp 42-50. TP5002843
FTD-IT-65-1712

Sci + Prop of Fuels
Dec 66

514,199

Production of Thermoelement Branches by
Hot Pressing Through a Die, by V. S. Smirnov,
A. M. Alekseev, 12 pp.
RUSSIAN, Paper of the Leningrad M. N. Kalinin
Polytechnic Institute, No 238, 1964,
pp 5-14.
CIA/FDD XX-1771

Sci - Nucl Sci
Mar 66

297,609

Reaction of Aluminum with Cryolite-
Alumina Melts, by M. N. Volyukov,
RUSSIA, per, Trudy Len Institut
Politekhinicheskly, No 239, 1964,
p. 39-56.

*FIID-MI-65-193

Sci/MI
Jun 65

Theory of Electrolytic Refining of
(Nonferrous Metals in Fusion With
Liquid Electrodes, by Yu. V. Baymakov.

RUSSIAN, per, Trudy Len. Institut
Politeknicheskoy, No 239, 1964,

pp 70-81.

*FIL-INT-65-193

Sci/INM

Jun 65

On Geometrical Methods of Quantitative
Mineralogical Analysis of Rocks, by A. A.
Glagolev, # 56 pp.

RUSSIAN, per, Trudy Instituta Prikladnoi
Mineralologii, No 59, 1933.

Sci Mus Lib - 55/3832

A.E.R.E. Harwell Tr 567

Sci - Minerals/Metals, Chemistry 33, 788

May 1956

Experimental Investigation of the Wake
Behind a Body of Revolution, by
L. I. Ilizarova, K. A. Pochkina, 12 pp.
RUSSIAN, per, Trudy Inst Prosy Aero
Tsentrul'nyy Aero-Gidro, No 23, 1962,
pp 99-106. 9697841
FTD-TT-65-86

Sci - Phys
Aug 65

287,552

Impingement of an Annular Jet on a Screen,
by V. I. Khanzhonkov, 28 pp.

RUSSIAN, per, Trudy Inst Promyshlennaya
Aerodinamika, No 23, 1962, pp 174-199.

9606989

FTI-TT-64-513

Sci-Aero

Jun 65

282,231

An Attempt at a Study of Development of Personality
with the Aid of Hypnosis, by V. M. Gakkebush.

UNCLASSIFIED

RUSSIAN, per, Trudy Instituta Psikhonevrologii, No 2,
1930.

*Navy/AFL

Sci + Med
Feb 80

Experimental Study of Personality Development by Hypnotic Inhibition, by V. M. Polinkovsky, 45 pp.

RUSSIAN, per, Trudy X Institute Psichologii
Materialy i Vses Sezda Inzucheniya
Cheloveka, No 2, 1930,
pp 236-272.

SL: 88-21740

*Navy/APL

Sci

Vol IV, No 11

197,976

Nepalkov, P. N. and Martynova, N. V.
NOMENCLATURE AND CLINICAL CLASSIFICATION
OF SPONTANEOUS GANGRENE [1961] 13p.

[NH] no. 37.

Order from OTS or SLA \$1.60

62-15158

Trans. of Sanitar'no-Gigienicheski Meditsinski
Institut. Trudy (USSR) 1956, v. 33, p. 71-81.

DESCRIPTORS: *Cerebral cortex, Inhibition,
Stimulation, *Psychoneuroses, Mental diseases,
Cells (Biology).

(Biological Sciences--Pathology, TT, v. 8, no. 2)

62-15158

I. Title: Spontaneous
gangrene

I. Nepalkov, P. N.

II. Martynova, N. V.

III. NH-37

IV. National Institutes of
Health, Bethesda, Md.

Office of Technical Services

62-25404

Danishevskii, S. L.
EFFECT OF DICHLOROETHANE AND CARBON
TETRACHLORIDE ON THE LEVEL OF PHOSPHATASE
ACTIVITY IN THE BLOOD. Report to the Annual
Scientific Conference of the Leningrad Sanitary-Hygi-
enic Medical Institute, 7 May 57. [1962] [9]p. 9 refs.
Order from OTS or SLA \$1.10 62-25404

I. Danishevskii, S. L.
II. Translations, New York

Trans. of Sanitary-Hygienic Medical
Institute (USSR) 1958, v. 44, p. 155-163.

DESCRIPTORS: *Ethanes, *Chlorides, *Carbon
tetrachlorides, *Toxicity, Poisons, Deterioration,
Liver, Kidney, Inhibition, *Phosphatases.

Dichloroethane and carbon tetrachloride inactivate the
alkaline phosphatase of blood in experiments in vitro.
Inhalation of dichloroethane and carbon tetrachloride
vapor as a rule lowers the alkaline phosphatase content
(Biological Sciences--Toxicology, TT, v. 9, no. 6)
(over)

Office of Technical Services

Trudy A K Nauk SSSR Inst Seismol

The Wave Equation for a Non-Uniform Medium, by
S. L. Solovlev, 83 pp.

RUSSIAN, per, Trudy Seismol Inst Ak Nauk SSSR,
No 6, 1960, pp 1-57. 7091775

AEC UCLR Tr-796(L)

Sci - Phys
Aug 62
List 61

206,098

On the Problem of Integration of the Wave Equation
in a Non-Uniform Medium, by S. L. Sobolev, 53 pp.

RUSSIAN, per, Trudy Seismol Inst Ak Nauk SSSR, No 42,
1933, pp 1-26. 9093496

ANC UCRJ Tr-799(L)

Sci - Phys
Jun 62
List 6;

197,233

The Problem of Density Distribution of Earth-
quakes Epicenters on the Territory of the
USSR, by V. V. Popov, 19 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Seismological
Institute, No 106, 1941, pp 9-11.

RDB/TIB Tr

SLA RT-1277

Sci

Dec 6.

A-9442

A New Map Outlining the Seismic Region of the
Soviet Territory, by Gorshkov.

RUSSIAN, per, Trudy Ak Nauk SSSR, Seismological
Institute, No 1, 1948, pp 71-73.

possibly to be done by *Navy/HO

USSR

Geog

15 Dec 60

Scientific Effects of Blasting, by L. A. Kogan.
RUSSIAN, per, Trans. Inst. Chemical Phys. & Astron.,
Vol. XI, 1962, pp 96-107.
• JIC

Sci. Tech. Lett.
Jul 64

Settling-Out of Cobalt From Lean Solutions With
Sodium Sulfide, by Ya. A. Yablonskiy, V. I. Smirnov,
II p.
RUSSIAN, par. Trudy Inst. Sverdlovsk Ural'skiy
Politehnicheskii, No 134, 1961, pp 46-53, 9896872
FTD-11-65-390

S&I - M/M
May 65

280,428

Trudy Akademii Nauk Tadzhik SSR,
Vol XX, 1954

see:

Trudy Stalin Astron i Observatorii Vol IV, 1954
pp 42-112, 125-151. CIA 569664V

ATIC F-TS-3863/III

7/ Physical Theories Concerning the Strength of
Solids, by B. N. Marbutlayev, L. G. Kainykova,
18 pp.

RUSSIAN, per, Trudy Ak Nauk Tadzhikskoy SSR,
Vol LIV, 1956, pp 103-114, 9660413

ATDC MCL-597/III

ATTC MCL-597/III

Sci - Physics

Wire DC-2

Apr (1

147,784

The Attenuation of Seismic Waves During Local
Earthquakes, by S. D. Vinogradov, N. S. Antsyferov,
I. L. Bernesov, 13 pp.

RUSSIAN, per, Trudy Inst Seismol Ak Nauk Tadzhik SSR,
Vol LIV, 1956, pp 29-40.

ABC SCL-T-301

Sci - Geophys
May 61.

151,149

The Processing of Instrument Observations of
Earthquakes by Means of the Epicentral Method,
by S. I. Golenetskiy, 18 pp.

RUSSIAN, per, Trudy Inst Seismol Ak Nauk Tadzhik
SSR, Vol. LIV, 1956, pp 41-56.

AEC SCL T-306

Sci + Geophys
Aug 60

124, 024

The Precision of the Azimuthal Method of Determining
the Coordinates of the Epicenter, by I. L.
Mersesov, V. A. Tokmakov, 21 pp.

RUSSIAN, per, Trudy Inst Seismol, Ak Nauk Tadzhik SSR,
Vol LIV, 1956, pp 57-77.

AEC SCL-T-300

Sci + Phys
Sep 60

124,850

The Seismicity of Tadjikistan in 1955, by T. I.
Kulchikova, V. F. Bune, V. N. Gaitskiy.

RUSSIAN, per, Trudy Ak Nauk Tadzhikskoy SSR,
Stalinabad. Inst Seismologii, Vol LXXI, 1957, pp 3-19.

*AEC SCL-T-299

May 62
Vol 4, No 6

The Accuracy of the Determination of Angles With
the Aid of an Azimuthal Apparatus with Inclined
Seismographs, by V. N. Gaitskiy, 10 pp.

RUSSIAN, per, Trudy Inst Seismol, Ak Nauk
Tadzhik SSR, Vol LXXI, 1957, pp 39-45.

AEC SCL-T-304

Sci - Phys
Sep 60

124,851

Testing of the Mechanical ~~SM~~ Seismographs
CMP-II (SMR-II) in Order to Evaluate the
Dimensions of a Seismically Dangerous Zone
During a Massive Explosion, by V. I. Bune,
A. A. Kon'kov, 15 pp.

RUSSIAN, per, Trudy Inst Seizmol, Ak Nauk
Tadzhik SSR, Vol LXXI, 1957, pp 47-58.

ABC SCL T-308

Sci - ~~Engt~~ Nuc Phys
14 Oct 60

128,918

Catalog of Earthquakes Felt and Registered on the
Territory of Tadjikistan Between 1865-1940 and
1941-1952, by P. G. Semenov, V. A. Semenova.

RUSSIAN, per, Trudy Akad. Nauk Tadjikskoy SSR,
Institut Seismologii, Vol LXXXVI, No 3, 1958,
pp 3-138.

*AEC

Sci - Geophy
Apr 60

The Determination of the Initial Ordinate and the
Method of Constructing Epicentrals With a Linear
Hodograph, by S. I. Golenetskiy.

RUSSIAN, per. Trudy Ak Nauk Tadzhikskoy SSR,
Stalinalad. (Inst Seismologii) Vol LXXI, 1959, pp 29-37.

*AEC-SCL-T-302

May 62

Vol 4, No 6

Annual Variation of the Rate of Increase
of Ionization of the F2 Region in the
First Half of the Day, by Yu. N. Yelizar'yev,
10 pp.

RUSSIAN, per, Trudy Inst Sibirskiy Fiziko-
Tekh, No 41, 1962, pp 49-54. P160092267
FTD-MF-65-292

Sci - Phys
Apr 67

322,043

Anomaly of the Annual Variation of the F2
Layer as a Function of the Entry of Solar
Radiation Into the Earth's Atmospheric,

by A. I. Likhachev, 11 pp.

RUSSIAN, per, Trudy Inst Sibirskiy Fiziko-
Tekh, No 41, 1962, pp 62-67. P100092267
FTU-MI-65-292

Sci - Atmospheric Sci

Apr 67

322,044

The Connection Between the Increase of
Diurnal Ionization of the F2 Layer and the
Entry of Solar Energy Into the Atmosphere,
by A. I. Likhachev, 6 pp.

RUSSIAN, per, Trudy Inst Sibirskiy Fiziko-
Tekh, No 41, 1962, pp 68-71. P100092267
TD-MT-65-292

Sci - Atmospheric Sci
Apr 67

322 045

The Effect of Adsorption of Gases and
Vapors on the Work Function of Semiconductors
with the Structure of Zinc Blende, by
I. A. Kirovskaya, I. S. Sazonova, 10 pp.
RUSSIAN, per, Trudy Inst Sibirskiy Fiz
Tekh., 1964, pp 380-387. PI00141366
FTD-IT-66-480

Sci - Phys
Jan 67

017,645

A Hydrostatic Method for the Evaluation of the
Density of Liquids at Pressures up to 5,000
kg/cm², by V. N. Razumikhin.

RUSSIAN, per, Trudy Inst Standartov, V
No 46, (106), 1960, pp 96-106.

NIL M 6377

Sci - Phys
Mar 63

225,428

The Problem of Introducing Strontium Oxide into
Commercial Glasses Containing 13.5% Soda, by
M. V. Okhotin.

RUSSIAN, per; Steklo. Trudy Instituta Stekla.

Moscow, No 38, 1957, pp 38-41.

AKS 152126R - \$4.25.

REC 72-80754-113

Ja. 73

KK The Problem of the Presence of Devitrite in
Foam Glass, by R. L. Shuster, T. P. Polyakova,
6 pp.

RUSSIAN, bk, Trudy Inst Stroitel'stva i
Stroymaterialov, No 2, Iz Ak Nauk SSSR, ~~Moscow~~
~~1959~~, 1959, pp 163-166. 9683276

FTD-TT-63-275

Sci-Chem
Jun 63

234,555

Contents of the Crystalline Phase in Foam
Glass in Relation to Certain Factors, by
R. L. Shuster, 5 pp.

RUSSIAN, bk, Trudy Inst Stroitel'stva i
Stroyaterialov, No 2, 1: Ak Nauk SSSR, ~~1959~~
Apr, 1959, pp 179-182. 0683276

FTD-TT-623-275

Sci-Chem
Jun 63

234,556

Hydrophobized Powders for Filling
Polyether and Epoxy Resins, by
O. O. Pashchenko, R. V. Serbina, 5 pp.
RUSSIAN, per, Trudy Inst Tekh Informatsii,
Ak Nauk USSR, No 4, 1964, pp 7-8.
P100059166
FTD-HT-66-78

Sci - Materials
Nov 66

314,161

Concerning the Question of the Nature of
Vibrations Combustion in Highly Forced
Combustion Devices Operating on Gaseous
Fuel, by V. A. Khristich, Mu. N. Bashkatov,

7 pp.

RUSSIAN, per, Trudy Inst Tekh Teplofiz i
Teplotekh, Ak Nauk UkrSSR, 1964. 9697998
FTDA 7-65-73

Sci - Engr
Sept 65

287,626

Certain Principles of Development of
Diffusion Gas Flame Burning the Turbulent
Wake Behind a Stabilizer, by V. A. Khristich,
N. Lyubchik, 5 pp.
RUSSIAN, per, Trudy Inst Tekh Teplofiz
Teplotekhn, Ak Nauk UkrSSR, 1964. 9697998
TD-MT-65-73

Sci - Engr
Sept 65

287,625

Combustion Modeling as a Method of
Investigation of Aerodynamic Processes
During Combustion, by P. I. Lavrov, 7 pp.
USSR, per, Trudy Inst Tekh Teplofiz
i Terlotekh, Ak Nauk USSR, 1964.

9657998

FTD-MT-65-73

Sci - Engr

Sept 65

287,624

General Principles of Combustion of Drops
of Suspensions, by D. I. Polishchuk,
L. P. Latonina, 6 pp.

RUSSIAN, per, Trudy Inst Tekh Teplofiziki
i Teplotekhnica, Ak Nauk UKR SSR, 1964.

839758

FTD-IT-65-73

Sci - Engr

Sept 65

287,623

On a Method for Determining the Shape of the Earth, by
N. F. Neklyudova. UNCLASSIFIED

RUSSIAN, per, Trudy Instituta Teoreticheskoy Astronomii,
Vol IV, No 8 (61), 1950, pp 408-413.

*ATIC *MCL-35/V

Sci - Geophysics

Mar 59

Telegram #6697

New Class of Periodic Solutions in the Restricted
Three-Body Problem and Hill's Problem, by G. A.
Merman.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Teoret Astron,
Vol I, 1952, PP 5-86.

Univ of Cal Film # 4

Sci - Astron

Jul 59

CBS I, 11

90,995

The Theory of the Regularized Geoid, by D. V.
Zagrebina.

RUSSIAN, per, Trudy Inst Teoret Astron, Ak Nauk SSSR,
Vol I, 1952, pp 87-222.

ACIC

Sci - Astron

187,118

1-22 62

The Outer Gravitational Field of the Earth and
the Fundamental Constants Related to it, by
I. Zhongolovich, 182 pp.
RUSSIAN, per, Trudy Instituta Teoreticheskoy
Astronomii, Vol III, 1952,
ACIC-TC-1718

Jan 72

Theory of Motion of the Planet Pluto.
Part I: Plutonian Perturbations of the
First Order with Respect to Perturbing
Masses, by Sh. G. Sharaf.
RUSSIAN, per, Trudy Inst Teoreticheskoy
Astronomiy, Vol 4, 1955, pp 1-142.
NAS/NASA/TT F-490-68

Sci-Astron
Feb 69

375,361

Outer Gravitational Field of the Earth and Related
Fundamental Constants, by I. Zhongolovich, 214 pp.

RUSSIAN, per, Priny Instituta Teoreticheskoy Astronomiy,
Vol. III, 1982.

OCE Tr No 1

S-1 - Geophysics

12,014

Table of Contents.

RUSSIAN, per, Trudy Inst Teoret Astron, No IV, 1955.
 " " " " " , No V, 1956.

CIA/FDI X 2091

Table of Contents only of:

RUSSIAN, per, Trudy Inst of Teoret Astronom, No 6,
1956.

CIA/FDD X-2333

Determination of the Dimensions of the General
Terrestrial Ellipsoid, by I. D. Zhongolovich, 96 pp.

RUSSIAN, per, Trudy Instituta Teoreticheskoy
Astron, No 6, 1956, pp 5-66.

REF ID: A66666
ATIC MCL-36/V

Sci - Geophys
Oct 59

99,500

63-14442

Merman, G. A.
THE ALMOST-PERIODIC SOLUTIONS AND THE
DIVERGENCE OF THE LINDSTEDT SERIES IN THE
PLANE RESTRICTED THREE-BODY PROBLEM.
CHAP. I. THE PROOF FOR THE EXISTENCE OF
THE SYMMETRIC PERIODIC ORBITS. Jan 62 [97]p.
(refs. in chap. 2).
Order from CTS or SLA \$8.60 63-14442

Trans. from Akademiya Nauk SSSR. Institut Teoreti-
cheskoi Astronomii. Trudy, 1961, v. 8.

DESCRIPTORS: *N-body problem, Celestial mechanics,
Orbital trajectories, Periodic variations, Fourier
analysis, *Series, Functions.

Contents:

The almost-periodic solutions

The series of Lindstedt

The series of Birkhoff

(Astronomy--Astrophysics, TT, v. 10, no. 4) (over)

- I. Title: Lindstedt-
Birkhoff series
- I. Merman, G. A.
- II. Title: Proof ...

Office of Technical Services

Merman, G. A.
THE ALMOST-PERIODIC SOLUTIONS AND THE
DIVERGENCE OF THE LINDSTEDT SERIES IN THE
PLANE RESTRICTED THREE-BODY PROBLEM.
CHAP. II. ALMOST-PERIODIC SOLUTIONS: LIND-
STEDT AND BIRKHOFF SERIES. Jan 62 [105]p.
32 refs.

Order from OTS or SLA \$14.00

63-14443

Trans. from [Akademiya Nauk SSSR. Institut
Teoreticheskoy Astronomii]. Trudy, 1961, v. 8].

DESCRIPTORS: *N-body problem, Celestial mechanics,
Orbital trajectories, Periodic variations, Fourier
analysis, *Series, Functions.

Contents:

On the distribution of the symmetric periodic orbits of
the elliptic and the hyperbolic types
(Astronomy - Astrophysics, TT, v. 10, no. 3) (over)

63-14443

1. Title: Lindstedt-Birkhoff
series
2. Title: Schwartzchild orbits
I. Merman, G. A.
II. Title: Almost-Periodic...
III. Title: Lindstedt...

Office of Technical Services

Theory of Motion of the Planet Pluto.
Part II: Plutonian Perturbations of
the Second Order with Respect to Pert-
urbing Masses. Part III: Recalculation
of First-Order Plutonian Perturbations
with Respect to Perturbing Masses.
Part IV: New Elements of Pluto, by
Sh. G. Sharaf, N. A. Budnikova.
RUSSIAN, per, Trudy Inst Teoreticheskoy
Astronomiy, Vol 10, 1964, pp 1-173.
NAS/NASA/TT F-491 69

Sci-Astron
Feb 69

375,362

Trudy Instituta Teoreticheskoy Fiziki
Vol. II, pp 3-21

1947

"Some Scientific Problems of Astronomico-Geodesy in
Connection with the Study of the Earth's Hard Shell:
Author's Abstract" by F. K. Krasovskiy

Proj. 9639

FDP 513582

JA 14 Aug 51
0-1000

Trudy Instituta Teoreticheskoy Geofiziki

1946

Vol 1

Abstracts from "Works of the Institute of Theoretical
Geophysics, Vol 1 (1946) by O. Yu Shmidt, Editor-in-
Chief"

published by the Academy of Sciences USSR Press

FED No 513585

Proj. 9613

SR 24 Aug 46

Procedure for Computing the Acceleration of Gravity,
by V. A. Kazinskiy.

RUSSIAN, per, Trudy Inst Teoret Geofiz, Ak Nauk SSSR,
Vol II, No 2, 1947, pp 108-111.

ACIC

Sci - Geophys

Oct 62

215,895

The Geophysical Significance of Various Methods of
Computing Gravity Anomalies, by Ye. N. Lyustikh.

RUSSIAN, per, Trudy Inst Teoret Geofiz, Ak Nauk SSSR,
Vol III, 1947, pp 3-45.

ACIC

Sci. - Geophysics

Oct 62

215,894

Studies on Contact Heat Exchange Between Heat
Engine Parts, by I. T. Shvera, E. F. Dyban, et al, 38 pp.
RUSSIAN, per, Trudy Inst Teploenerget, No 12, 1955,
pp 21-53. 9695315
DDC RSIC-322

Sci - Engr
Dec 64

270,310

Investigation of Heat Transfer in the
Clearances of Fir Tree Roots of Working
Blades, by I. T. Shvets, M. P. Dyben.

XEROXED

RUSSIAN, per, Trudy Inst Toploenerg, No 13,
1956, pp 3-19.

OT 7096

Nov 41 1957

Sci - Engr

215,500

Oct 52

Study Method and Physics of Heat Exchange
During Vapor Condensation, by N. V. Zozulya.
RUSSIAN, per, Tr. Inst. Teploenerg, Akad. Nauk.
Ikr. SSR, No 14, 1958, pp 32-42.
NASA TT F-369

Sci-Phys
Apr 66

298,815

Controlled Funnel-Shaped Directivity Pattern of a Stub
Antenna, by Yu. V. Kuznetsov, 4 pp.

Antenna. Funnel-Shaped Directivity Pattern
RUSSIAN, per, Trudy VPTO, No 29, 1959, pp 86-90.

CIA/FDD XX-1246

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Sep 62

USIB INTERNAL USE ONLY

210,164

(IC-3901)

Machine Translation and Establishing Correspondence Between Language Systems, by
V. V. Ivanov, 29 pp.

FORSTAN, Hlt, ~~Transl~~ Institute Technology International
1. ~~Machine~~ ~~Level~~ ~~for~~ ~~Machine~~, ~~At~~ ~~State~~ ~~Dept~~, ~~Bo~~ ~~2~~,
1961, pp 47-67.

JPRS 13543

Doc. # Hlt
Machine Translation
1961

1951-30

(00-000)

The Operational Form of an Algorithm for Machine
Translation, by V. A. Vozvashin, 20 pp

RUSSIAN: bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Tekhnicheskoy Tekhniki, Al'gorytmy, 1972,
1972, 10-1972.

5
JPRS 18424 13413

Sol - Misc
Machine Translation
May 62

193, 631

(DC-3201)

See Approach to the Construction of a Vocabulary
for an Intermediate Language, by S. S.
Bukharin, G. A. Volobek, et al., 16 pp.

Bukharin, S., Trudy Instituta Tekhnicheskoy i Yazyko-
vedeniya, Akad. Nauk SSSR,
1963, pp. 5-16.

JPRS 13543

See also
Machine Translation
1963

193, 628

(DC-3501)

On Standard Operators for an Algorithm for
Automatic Analysis of Russian Scientific Text
written by T. A. Mel'chuk, 62 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1964, pp 85-134.

JPRS 13543

344 - Misc
Machine Translation
May 62

193, 692

(100-1001)

System of Independent Configurational Analysis
of Chinese Text Matter in Machine Translation.
by L. A. Voronin, 44 pp.

RUSSIAN, Mr. Trudy Instituta Technoy Mekhaniki
i Tekhnicheskoy Elektroniki, Ak Nauk SSSR, No 2,
1961, pp 135-174.

2

JPRS 13543

193, 633

Sci. - Misc
Machine Translation
May 62

(10-3902)

The Structure and Nature of a Glossary for
Independent Analysis of Chinese Text Matter, by
V. M. Zakrebina, 8 pp.

RUSSIAN, Trudy Instituta Tekhnicheskoy Mekhaniki
i Yehichivitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 173-179.

JPRS 13543

Sci - Misc

Mechanical Translation

May 62

193, 634

(13-5901)

On Solving Conversion Homonymy During Independent
Analysis of Chinese Text Material, by V. M.
Zhuravskiy, 14 pp.

RUSSIAN, bk. Trudy Instituta Tekhnicheskoy Mekhaniki i
Teoriy i Prikladnoy Tekhniki, Ak Nauk SSSR, No 2,
1962, pp 180-191.

JPRS 13543

193, 635

Sol. - Misc
Machine Translation
May 62

(DC-3901)

A Description of the Structure of Independent
Grammatical Analysis for Machine Translation
from the German Language, by V. V. Parshin,
15 pp.

RUSSIAN, bk. Trudy Instituta Tekhnicheskoy Mekhaniki
S. V. Ginzburga i dr., Ak Nauk SSSR, No 2,
1961, pp 192-203. 88

JPRS 13543

193, 636

Sci. - Misc
Machine Translation
May 62

(13-5501)

The Structure of a Dictionary and Rules for
Analysis of the German Language, by
S. S. Belokrinitskaya, 21 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Tekhnicheskoy Tekhnologii, Akad. Nauk SSSR, No 2,
1961, pp 204-221.

JPRS 13543

Sci. & Misc
Machine Translation
May 62

193. 637

(DC-3901)

On the Construction of Rules for Analyzing
English Verbs, by L. N. Bykova, 22 pp.

RUSSIAN, Dokl. Trudy Instituta Tekhnicheskoy Mekhaniki i
Vysishel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 222-239.

JPRS # 13543

Encl. - 11/10
Machine Translation
May 62

193, 638

100-31503

On Establishing the Syntactical Connections of
Propositional Phrases Through Formal Analysis
(~~English Language and Linguistics~~), by
O. A. Taranova, 124p.

RUSSIAN, bk, Trudy Instituta Teoricheskoy Mekhaniki i
Vychislitel'noy Tekhniki, Ak Nauk SSSR, no 2,
1961, pp 240-249.

JPRS 13543

Doc. - Misc
Machine Translation
May 62

193, 639

(DC-3901)

An Approach to the Problem of Distinguishing
 Forms Ending In ~~in~~ -O (-E) With an Adjectival
 Stem in the Russian Language, by T. M. Nikolayeva.
 14 pp.

RUSSIAN, ~~Dr. Prudy Instituta Tochnoy Mekhaniki~~
 i ~~Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,~~
 1961, pp 250-260.

JPRS 13543

Sol - MEBC
 1961/12/10
 May 62

193, 640

(D3-3901)

Grammatical Indicators for Words and Syntactical
Analysis of Clauses, by Yu. S. Marten'yukov,
1961.

RUSSEAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 261-279.

JPIS 13543

Sci - Misc
Machine Translation
May 62

193, 641

(LC-3901)

On an Algorithm for Independent Morphological
Analysis of the Swedish Language, by
S. S. Belokorinskaya, T. H. Moloshnaya, 17 pp.

RUMILAN, M., Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 288-294.

JPRS 13543

~~XXXXXXXXXXXX~~

Sci - Misc

Machine Translation

May 62

193, 642

(10-5901)

The Principles of Syntactical Analysis of the
Tatar Language, by F. Dreyzin, N. Rashidov,
11 pp.

RUSSIAN, DO: Uchebnyy Institut Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, II Ak Nauk SSSR,
No 2, 1961, pp 298-303.

9

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 643

(18-3901)

1. Title of Tatar-Russian Correspondence,
by A. Dzhurina, 10 pp.

1988, 1989, 1990, Trudy Instituta Dzhurina Mekhaniki
i Tekhnologii, Akad. Nauk SSSR, No. 2,
1991, pp 304-313.

JPRES 13543

Doc. 1846
Machine Translation
May 82

198, 644

(R3-8901)

The Construction of Sentences in Independent
Synthesis of Russian Text Matter, by
T. M. Milobayeva, 11 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 311-322.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 645

(18-3001)

An Algorithm for Ordering Words in a Sentence
in Independent Russian Language Synthesis, by
N. I. Dubitskiy, 26 pp.

RUSSIAN, Ek, Trudy Instituta Teorii Mekhaniki
i Vychislitel'noy Tekhniki, Akad. Nauk SSSR, No 2,
1964, pp. 323-337.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 646

(10-3901)

The Basic Characteristics of a Japanese-English
Dictionary for Machine Translation, by M. E.
Verbinen, 10 pp.

RUSSIAN, LE, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 338-346.

JPRS 13543

193, 647

Sci. - Misc
Machine Translation
May 62

00000000

for the Analysis of Closed Construction of Theory
 Machine Translation From Chinese to English.
 by B. A. Gerasov, 13 pp.

RUSSIAN, Ak, Izudy Institute D Tekhnoy Mekhaniki
 i Mashinostroyeniya, Ak Nauk SSSR, No 2,
 1983, pp 347-357.

JPRS 13543

Encl. - 13543
 Machine Translation
 May 82

193, 648

(01-01-01)

The Analysis of Auxiliary Words in Binary
Machine Translation From Chinese to Russian.
by A. A. Zvonov, 13 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vysishchey Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 358-368.

JPRS 13543

193, 649

Sol. • Mtd
Machine Translation
pp 60

(100-39001)

The Linguistic Problems of Translation of Poetry,
V. N. Ilyakov, 34 pp.

RUSSIAN, bk, Trudy Instituta Teorii i Tekhnologii
i Vychislitel'noi Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 369-395.

JPRS 13543

Sci - Misc

Machine Translation

May 62

193, 650

(100-11)
On the Acceptability of Phonological Models,
Dr. V. V. Ivanov, 21 pp.

ZINCHENKO, Bk. Trudy Instituta Tekhnologii Mekhaniki
i Vychislitel'noy Tekhniki, AN SSSR, No 2,
1961, pp 396-412.

JPRS 13543

Sci. - Elec
Machine Translation
May 62

193, 651

(DC-3901)

Human Experiment in Constructing a System for
Graphic Analysis of Chinese Characters, by
M. B. Melnikov, A. V. A. Evonov, 11 pp.

RESEARCH, bk. Trudy Instituta Tekhnicheskoy Mekhaniki
2. Vysishitel'nyy Tekhnicheskii, 1. Bank SSSR, No 2,
1961, pp. 413-422.

JPRS 3543

Sci. & Tech.
Machine Translation
May 62

193, 652

(DC-3801)

9

Blom is in the Design of a Scanning Device,
by V. G. Kozandrovskiy, 25 pp.

RUSSIAN, bk., Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 423-444.

JPRS 13543

Sig. - Misc
Machine Translation
May 62

193, 654

Physical Interpretation of the Process of
Stabilization of the Current Phase in a
Transmitter Antenna by Means of a Complex
Feedback, by I. A. Veselkov, V. N. Grishko.
RUSSIAN, por, Trudy Tomskogo Inst Radioelek
i Elektron Tekhn, Vol I, 1963, pp 24-26.
#F7D-TT-65-2052

Sci - Elec
Jan 66

Chemistry of Peat-Forming Materials: (1)
Conditions of Hydrolysis, and Yield of
Humic Acids, by V. A. Zeturo, V. E. Rakovskiy.
USSR

RUSSIAN, per, Trudy Inst Torfa, Ak Bank
Belorusskoy SSR, Vol VI, 1957, pp 38-51.

DSIR LILU RTS 1399

(Lil. 15s. Cl.)

Sci - Chem; Geophys
Apr 60

113040

Chemistry of Peat-Forming Materials: (2)
Formation of Humic Acids and Individual Char-
acteristics of Peat-Forming Materials, by V. A. Z
Kharin, V. A. Bakovskiy. UNCL

RUSSIAN, per, Trudy Inst Torfa, Ak Nauk
Beloruskiy SSR, Vol VI, 1957, pp 52-67.

DSIR LIL RFS 1400

(12. 02. 01.)

113,041

Sci - Chem; Geophys
Apr 60 60

Chemistry of Peat-Forming Materials: (3) Synthesis
of Humic Acids From Natural Products, by V. A.
Baturin, V. E. Rakovskiy.

RUSSIAN, per, Trudy Inst. Turfa. Ak. Nauk Beloruss.
SSR, Vol VII, 1957, pp 68-79.

SIH 60-23611 DSIR LIU RTS 1401

Sci - Chem

Aug 60

122,523

Methods of Separation of Phenols, Bases and
Hydrocarbons, by L. B. Bl'kind, V. S. Rakovskiy.
USSR.

RUSSIAN, per, Trudy Inst. Torga, Ak Nauk
Belorusskoy SSR, Vol VI, 1957, pp 274-290.

5114 5114-0

DSIR LLU RTS 1402

(12. Os. Od.)

Sci - Chem
Apr 60

113,042

The Layerwise Changes in the Non-Hydrolyzed Peat
Residue of the Lowland Deposits, by K. K. Lebedev, 13 pp.
RUSSIAN, per, Trudy Inst Torfa Ak Nauk Belorusskoi
SSR, Vol VII, 1959, pp 36-49.
OTS 64-11072
PL-480

Sci - Agri
Jan 65

271,022